

# Mainline 6B 2012 Maintenance and Rehabilitation & Line 6B Replacement Projects

## IDEM Water Quality Certification Independent Environmental Monitor Weekly Observation Report

Observation Dates:	10/28/13 thru 11/2/13
IEM Name:	Robert Freeberg
Wetland Identification Number(s):	w-496-c, w-517-e, w-495-a
Waterbody Identification Number(s):	s-492-b, s-498-b, s-498-a
Enbridge Land Tract Identification Number(s):	n-625-6, n-625-4, n-624-4a, n-630-9-rx, n-626-1, n-631-3, n-647-3, n-620-1n, n-620-1b, n-619-11, n-628-4, n-628-4c, n-628-4a, n-628-4b.
County(s): St. Joseph, LaPorte, Porter	St. Joseph, Porter, LaPorte
<p><b>10/28/13:</b> Contractor moving equipment into tract n-647-3 to prepare for HDD of wetland w-517-e, entry Sta. #2769+99. Traveled to Greening rd where contractor had begun road bore at Sta. #1431+21, tract n-625-4 and tract n-625-6. HDD of wetland w-496-c and Otis continue with 24" ream and contractor continues to monitor area of mud spill. Ditch/Lower in are working in tandem at cr.n400e, tract n-624-4a, Sta.#1392+80. All activity observed was in environmental compliance. <b>10/29/13:</b> Contractor tie-in crew working at waterbody s-498-b, tract n-631-3, Sta. #1782+04, to tie-in m/l pipe thru waterbody. Crew using flume pipe method to maintain flow of waterbody while installing tie-in This is a IDEM/Army Corp. regulated Salmoned stream, using open cut method of crossing. Traveled to Otis rd and wetland w-496-c where HDD continues with 36" ream. Small frac out at exit side of drill. Crew contained by mud release by installing silt fence and using vac truck to clean up area. All activity observed was in environmental compliance.<b>10/30/13:</b> Laney HDD continues with set-up of drill at w-517-e, Sta. #2769+99, tract n-647-3. Traveled to area where ditch crew continues in monitored area, mp 482.5 to mp 501.1, working off cr. n 75 e, tract n-620-1n n- 620-1b, n-619-11. Contractor sheet piling crew working at wetland w-495-a, Sta. #1633+34, tracts n-628-4, n-628-4c, n-628-4b, n-628-4a. Contractor continues to do a good job with keeping state, county and city roads free of mud tracked from ROW. Housekeeping in some area could improve by removing debris from ROW left by crews. Empty plastic bottles, rags, trash, broken skids need to be collected when crews leave areas. Note: Trash truck may be helpful at this point of construction. Contractor environmental crews working behind tie-ins has been good, with installation of ECD's, to water body's and wetlands.<b>10/31/13:</b> Contractor called rain out due to heavy rain in monitored areas. Approximately 3"to 5" on ROW. <b>11/1/13:</b> Contractor began HDD of wetland w-517-e, tract n-647-3, Sta. #2769+99. Environmental inspectors preparing punch list after rain event on 10/31/13. Contractor crews dewatering in areas of need on ROW. LEI Kyle Owens requested clarification on dewater off ROW onto adjacent property. Reviewed policy of IDEM with LEI and are in agreement. Reviewed with Marty Martin water quality supervisor and we are in agreement. All activity observed was in environmental compliance.<b>11/2/13:</b>Rain delay. Contractor HDD crews working. ROW muddy, environmental crews working on punch list.</p>	



Contractor containment of mud spill, at w-496-c and Otis rd.



Waterbody restoration, Sta. #1454+96, s-492-b, tr. N-626-1



Flume pipe installed at waterbody s-498-b to maintain flow.



Sheet piling crew working at wetland w-495-a.



Ditch crew working off cr n 75 e,



Wetland w-496-c, tr. n-629-2e, Sta.# 1647+30, frac out contain.



Clean up off Wozniak rd, Sta. # 1835+00, Tr. n-632-1, n-632-2

